

# Converting Colors

Hex(B0C9AA)

Have a look what the booklet for  
Hex(B0C9AA) contains.

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# **Color**

**Hex(B0C9AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0C9AA
RGB	176, 201, 170
RGB Percent	69%, 79%, 67%
CMY	0.3098, 0.2118, 0.3333
CMYK	0.12, 0.00, 0.15, 0.21
HSL	108°, 22%, 73%
HSV	108°, 15%, 79%
XYZ	46.0468, 53.9057, 46.0081
YIQ	189.9910, -4.9490, -14.9410

# Conversions

## Conversions Part 2

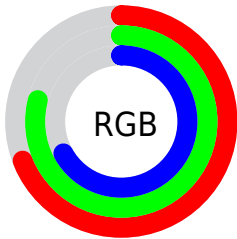
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 201, 195
Decimal	11585962
CIELab	78.41, -14.23, 12.69
CIELCh	78, 19.066, 138.270
Yxy	53.9057, 0.3155, 0.3693
Android (android.graphics.Color)	4289776042 (0xFFB0C9AA)
YUV	189.9910, -9.8556, -12.2701
Hunter-Lab	73.4205, -16.5367, 14.2409

# Details

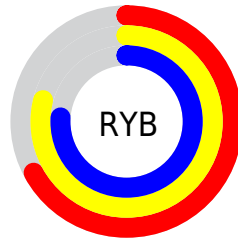
The Hex color **B0C9AA** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C3AAC9**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E8FFE1**, and **7B9376** is the 20% darker color. If you saturate the color by 10%, you get **A0C996**, and if you desaturate by 10%, it is **C0C9BE**.

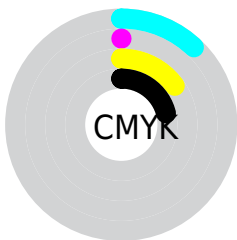
# Distribution



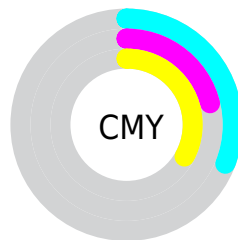
- Red (69%)
- Green (79%)
- Blue (67%)



- Red (67%)
- Yellow (79%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0C9AA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B0C9AA by changing the saturation by 10% instead.



 B0C9AA

 B0C9AA

FFFFFF

 95AE8F

 E8FFE1

 7B9376

FFFFFFE

 62795D

 4A6045

 33492F

 1D321A

 081D00

 000000

 B0C9AA

 B0C9AA

 A0C996

 C0C9BE

 90C982

 D0C9D2

 7FC96E

 E1C9E6

 6FC95A

 F1C9FA

 5FC946

 FFC9FF

 4FC931

 3FC91D

 2EC909

 27C900

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C4C4A0



B0C9AA



9ECCBA

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B0C9AA



A6C6E4



E7B6B8

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B0C9AA



C3AAC9

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E2B6CA



B0C9AA



BCC0E3

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B0C9AA



96CADC



D2BADA



E3B9A8

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0C9AA



96CCC6



D2BADA



E7B6BE

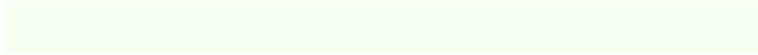


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B0C9AA



F5FFF2



C9C3AA



798078



000000



808080

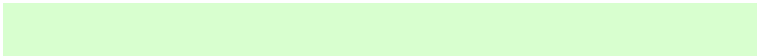


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B0C9AA



D8FFCF



AAC9B3



5B635A



20A300



072400



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C3AAC9



F6CFFF



C9AAC0



625A63



8400A3

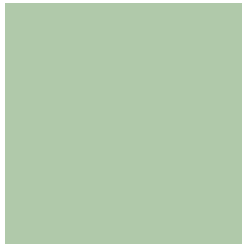


1D0024



# Previews

## White Background



This preview shows how the Hex color B0C9AA looks on a white background.

## Color Contrast Check

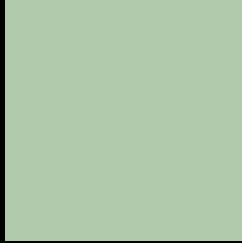
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B0C9AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

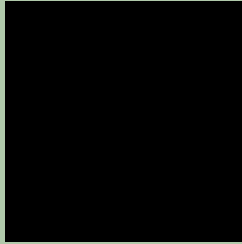
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

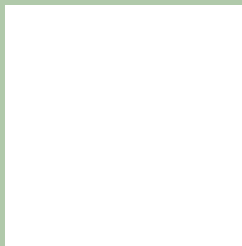
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0C9AA Background



This preview shows how black text looks on a background with the Hex color B0C9AA.

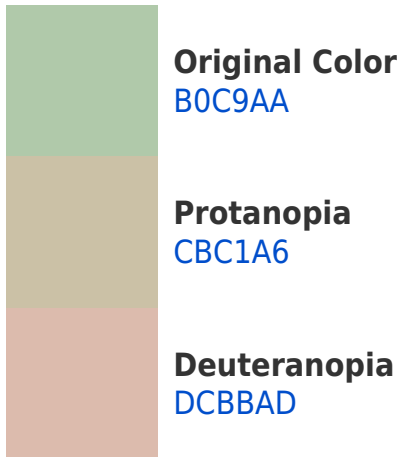


This preview shows how white text looks on a background with the Hex color B0C9AA.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

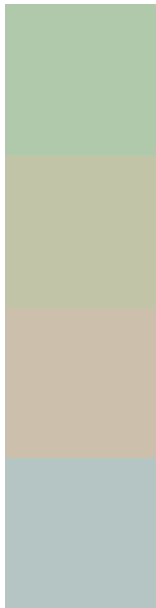
## Dichromacy





**Tritanopia**  
B7C3D3

# Trichromacy



**Original Color**  
B0C9AA

**Protanomaly**  
C1C4A7

**Deuteranomaly**  
CCC0AC

**Tritanomaly**  
B4C5C4

# Monochromacy



**Original Color**  
B0C9AA

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
B9C2B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0C9AA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B0C9AA looks like.

```
.text, #text, p{  
  color:#B0C9AA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B0C9AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C9AA
}
```

## Border

The CSS property to change the border of an element to Hex B0C9AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0C9AA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B0C9AA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B0C9AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C9AA; -webkit-box-shadow:4px 4px  
4px 4px #B0C9AA; box-shadow:4px 4px 4px  
4px #B0C9AA }
```

# Background

The CSS property to change the background color of an element to Hex B0C9AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C9AA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B0C9AA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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